AMENDMENTS TO THE CLAIMS:

1. (Previously Presented)   A method for authenticating an application run on a mobile station, including:

      a.   attempting to run Location Based Service (LBS) application;

      b.   requesting authentication of the LBS application;

      c.   communicating directly with a mobile positioning center (MPC) in order to have the MPC fulfill the request for authentication of the LBS application;

      d.   if the application is authenticated, then receiving within the mobile station a Short Message Service (SMS) message originated at the MPC and having a teleservice identifier field within the SMS message identifying a position location engine within the mobile station as a destination of information required to continue running the LBS application in response to the application being authenticated.

2. (Previously Presented)   The method of Claim 1, further including:

      a.   if the LBS application has not been authenticated, receiving a response message indicating that authentication failed; and

      b.   in response to receipt of the response message, halting the LBS application.

3. (Previously Presented)   The method of Claim 1 wherein the LBS application that is attempted to run on the mobile station requires authentication from the MPC in order to receive all required information.

4. (Previously Presented)   The method of Claim 1, wherein the authentication of the LBS application to be run on the mobile station is independent of other authentication operations to be requested by the mobile station for the purpose of authenticating telephone communication.

5. (Previously Presented)   The method of Claim 4, wherein the authentication of the LBS application to be run is further independent of other authentication operations to be requested in order to authenticate other applications.

6. (Previously Presented)   The method of Claim 3, wherein the authentication of the LBS application by the MPC allows the mobile station to communicate with other components.

7. (Original)   The method of Claim 6, wherein the other components include a position determination entity.

8-12. (Canceled)

13.   (Previously Presented) The method of Claim 1, wherein receiving the SMS message comprises receiving the SMS message having the teleservice identifier field set by the MPC.

14.   (Previously Presented) The method of Claim 1, wherein receiving the SMS message comprises receiving the SMS message having the teleservice identifier field indicating the SMS message is intended for the LBS application.

15.   (Currently Amended) A method for authenticating an application run on a mobile station, including:

    attempting to run Location Based Service (LBS);

    requesting authentication of the LBS application;

    communicating directly with a mobile positioning center (MPC) in order to have the MPC fulfill the request for authentication of the LBS application; and

    if the application is authenticated, receiving within the mobile station a Short Message Service (SMS) message having a teleservice identifier field within the SMS message set to a predetermined value, wherein receiving the SMS message comprises receiving the SMS message having the teleservice identifier field indicating the SMS message is intended for a position location engine within the mobile station.

16.   (Previously Presented) The method of Claim 15, wherein receiving the SMS message comprises receiving the SMS message having the teleservice identifier field set by the MPC.

17.   (Previously Presented) The method of Claim 15, wherein receiving the SMS message comprises receiving the SMS message having the teleservice identifier field indicating the SMS message is intended for the LBS application.

18. (Canceled)